

FIG. 1

100

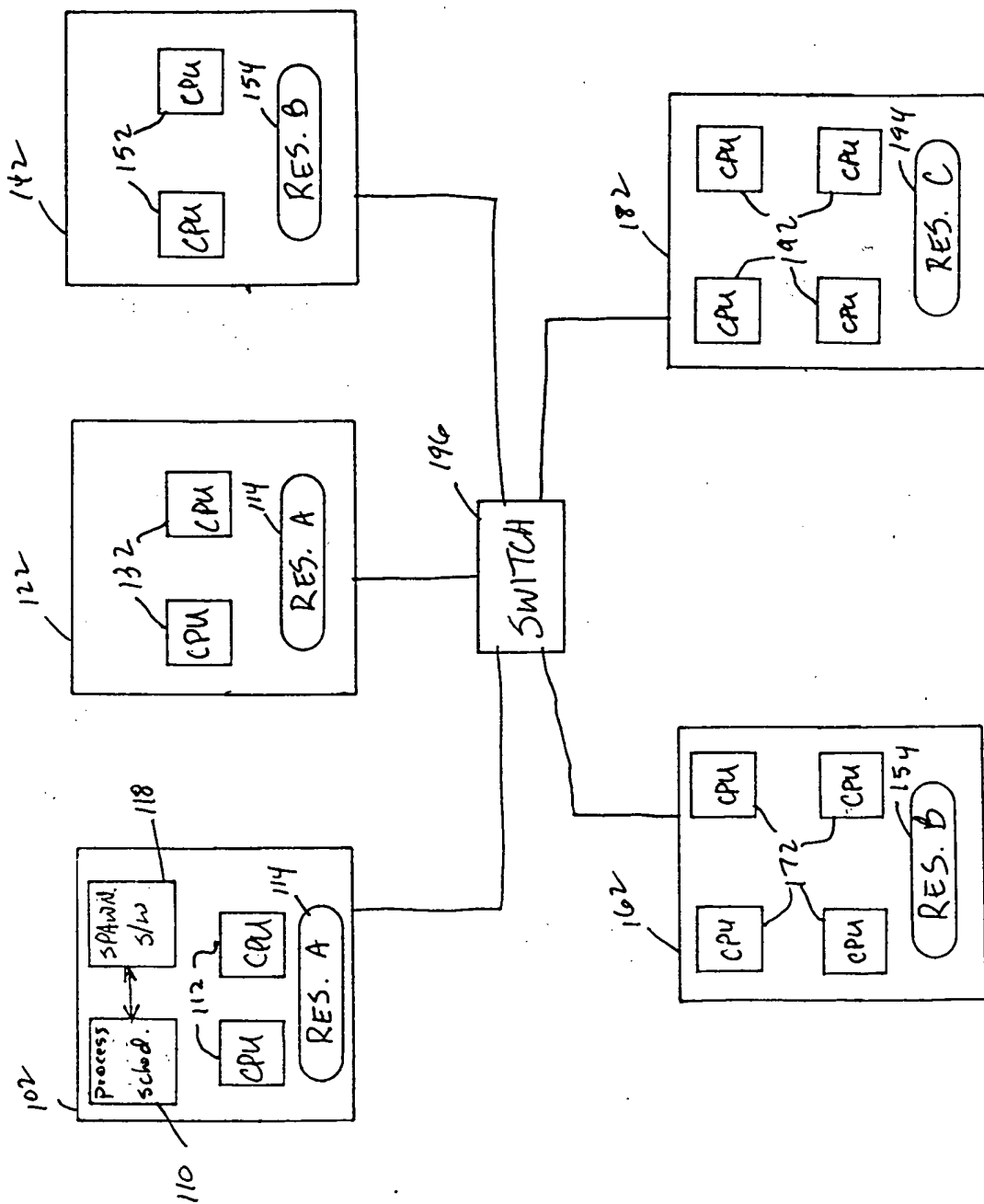


FIG. 2

200

208

Network initialized and  
process sched. updated with  
available resource

214

Processes spawned  
automatically or  
according to procedure  
group file specifications

220

Run processes to  
completion

FIG. 3

214

250

FIG. 4

User specifies process group or automatic mode and, if automatic mode, user specifies application name and location, no. of processes desired and other optional parameters for spawning processes

252  
Automatic mode?

N

254  
Read process group file

256  
Spawn processes as specified by process group file

Y

258  
Compare user specified no. of processes and other parameters to available network features

260  
Sufficient network resources?

Y

N

262  
Spawn processes using user specified application and no. of processes

264  
Reduce process count

266  
Provide warning to user that fewer CPUs are available than initially desired

268  
Spawn processes

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100

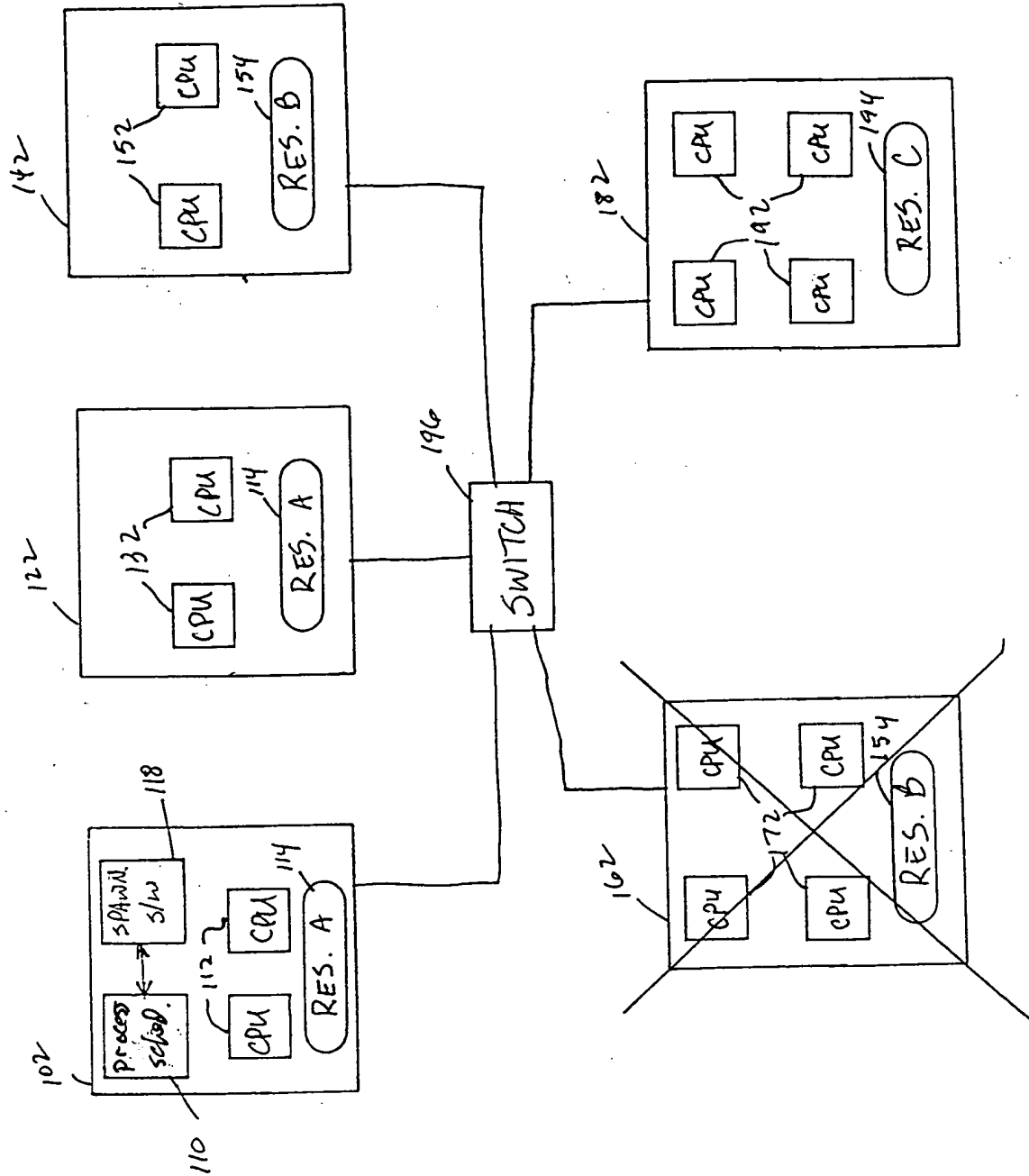


FIG. 5

100

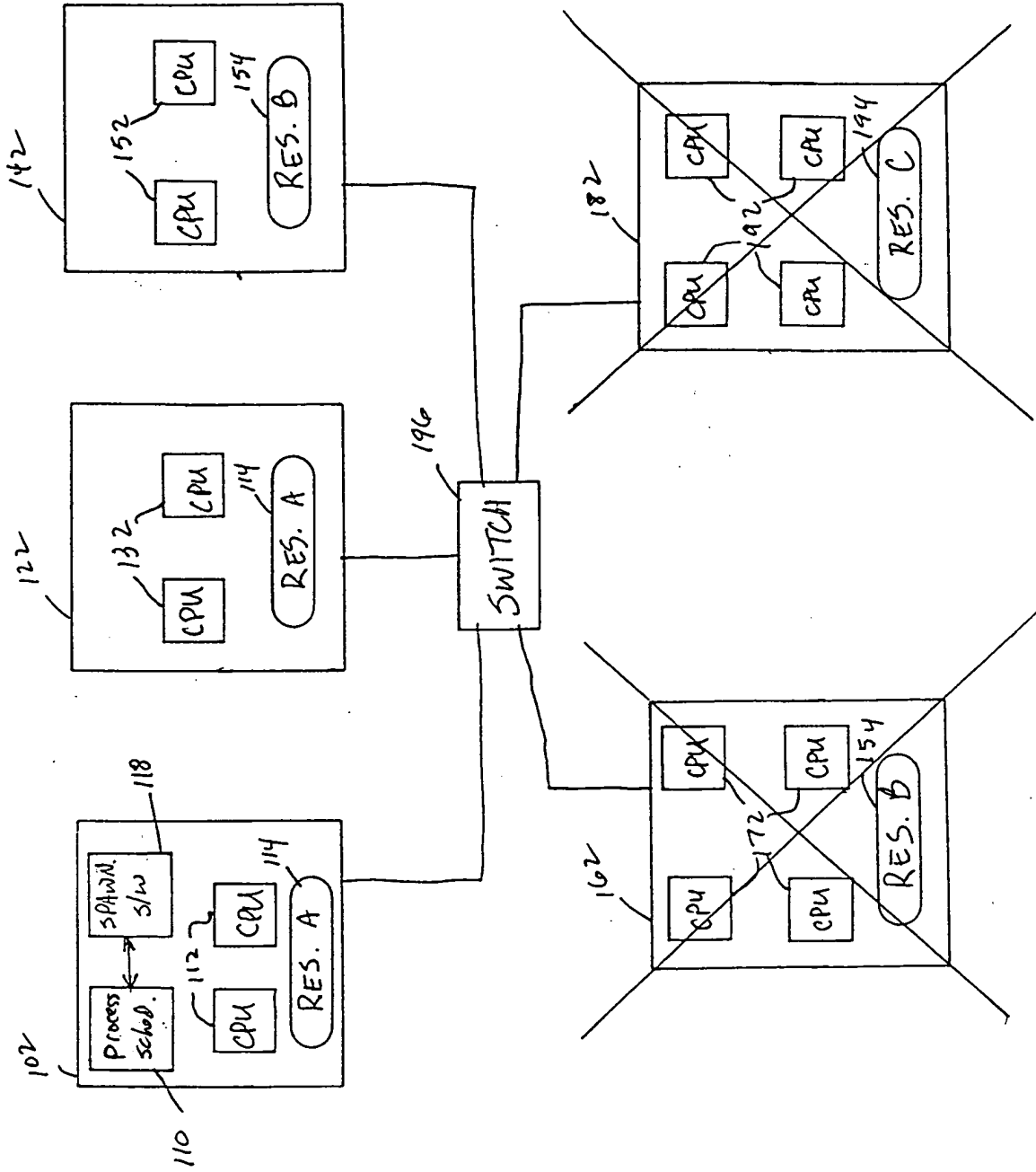


FIG. 6